



Debra K. Kenerson
State Statistician



cooperating with
Tennessee
Department
of Agriculture

<http://www.nass.usda.gov/tn> Phone 1-800-626-0987

Released July 23, 2002 Volume 02 Number 14

In This Issue:

July 1 Wheat Forecast	1
July 1 Peach Forecast	2
U.S. Cattle Inventory	2
Milk Production	2
2002 Tillage Practices	3, 4

Tennessee 2002 Wheat Yields Lowest in Four Years

Tennessee 2002 wheat yields are estimated at 46 bushels per acre, the lowest in 4 years, according to a July 1 Yield survey conducted by the Tennessee Agricultural Statistics Service. If realized, the average State yield will be 8 bushels below last year and the lowest since 41 bushels per acre in 1998. Total production, at 15.2 million bushels, is down 17 percent from 2001. Producers seeded a total of 490,000 acres last fall, down 2 percent from last year and the lowest level since 1993. Harvested area for grain, at 330,000, is down 10,000 acres from 2001. Farmers experienced typical summer weather for most of June, with warm temperatures and dry conditions allowing for the

timely harvest of this year's wheat crop. Virtually all the State's winter wheat was harvested by the end of June, surpassing the normal pace. With the harvest of this year's crop, growers realized that the cool, wet weather in May, along with several leaf-type diseases, definitely impacted yield.

U.S. Winter Wheat

Winter wheat production is forecast at 1.18 billion bushels, the lowest level since 1971. The production forecast is down 5 percent from last month and 13 percent from 2001. The decline in production from the June forecast is due to a reduction in harvested acreage and a lower forecasted yield. Acres for harvest as grain are forecast at 29.8 million, 1 percent below the June forecast and down 5 percent from 2001. This is the smallest harvested acreage since 1917. The U.S. yield is forecast at 39.6 bushels per acre, down 1.4 bushels from last month.

Winter Wheat: Tennessee, Surrounding States, and U.S., July 1, 2002 with Comparisons ¹

State	Acreage Harvested		Yield Per Acre		Production	
	2001	2002	2001	2002	2001	2002
	1,000 Acres		Bushels		1,000 Bushels	
Tennessee	340	330	54.0	46.0	18,360	15,180
Arkansas	970	800	52.0	49.0	50,440	39,200
Georgia	200	200	53.0	40.0	10,600	8,000
Kentucky	360	360	66.0	53.0	23,760	19,080
Mississippi	225	180	52.0	40.0	11,700	7,200
Missouri	760	760	54.0	44.0	41,040	33,440
North Carolina	470	480	39.0	44.0	18,330	21,120
Virginia	170	185	60.0	65.0	10,200	12,025
United States	31,295	29,764	43.5	39.6	1,361,479	1,178,320

¹2002 forecast, 2001 final.

Tennessee Peach Crop Up 8 Percent from 2001

As of July 1, the Tennessee 2002 peach crop forecast is 4.0 million pounds, up 8 percent from last year and the largest production since 1995. During the first week in April, the peach crop suffered some light freeze damage, but continued to develop at a pace in line with normal. Nearly all the State's peach crop had reached the budding stage by the third week of April and blooming stage by month's end. The majority of the peach crop escaped any significant freeze damage from the cool weather earlier this year.

U.S. Peach Production Forecast

The July 2002 forecast of U.S. peach production is 2.55 billion pounds, up 4 percent from 2001 but 2 percent below 2 years ago. Ten States forecast increases in production from last year, 17 States expect declines, and two States remain unchanged.

July 1 U.S. Cattle Inventory Down 1 Percent

All cattle and calves in the United States as of July 1, 2002, totaled 105.2 million head, 1 percent below the 105.8 million on July 1, 2001, and 1 percent below the 106.3 million two years ago.

All cows and heifers that have calved, at 42.9 million, were slightly below the 43.0 million on July 1, 2001, and 1 percent below the 43.2 million two years ago.

Beef cows, at 33.8 million, were down slightly from July 1, 2001, and 1 percent below two years ago.

Milk cows, at 9.15 million, were up 1 percent from July 1, 2001, but were down 1 percent from two years ago.

Other class estimates on July 1, 2002 and the changes from July 1, 2001, are as follows:

All heifers 500 pounds and over, 16.2 million, down 1 percent.

Beef replacement heifers, 4.6 million, unchanged.

Milk replacement heifers, 3.7 million, up 3 percent.

Other heifers, 7.9 million, down 4 percent.

Steers weighing 500 pounds and over, 14.5 million, down 1 percent.

Bulls weighing 500 pounds and over, 2.1 million, unchanged.

Calves under 500 pounds, 29.5 million, down 1 percent.

All cattle and calves on feed for slaughter, 12.4 million, down 5 percent.

U.S. Calf Crop Up Slightly

The 2002 calf crop is expected to be 38.4 million, up slightly from 2001 but down 1 percent from 2000. Calves born during the first half of the year are estimated at 28.0 million, down slightly from 2001 and down 1 percent from 2000.

Tennessee Milk Production Unchanged

April-June 2002 quarterly milk production for Tennessee was 355 million pounds, unchanged from the 2001 April-June period. The average number of milk cows was 90,000 head, 3,000 head less than the same period a year earlier.

January-March 2002 quarterly production of milk at 350 million pounds, was down 1.4 percent from the January-March period in 2001. The average number of milk cows for the quarter was 90,000 head, 4,000 head less than the same period a year earlier.

April-June U.S. Milk Production Up 3.0 Percent

Quarterly U.S. milk production was 44.0 billion pounds, 3.0 percent above the April-June period last year. The average number of milk cows in the U.S. during the April-June quarter was 9.15 million head, 33,000 head more than the same period last year.

Tillage Practices: by Crop, Tennessee, 1998 - 2002

Crop	Year	Total Acres Planted	No-Till ¹		Other Conservation Tillage ²		Conventional Till ³		Double-Cropped ⁴	
			Acres	% of Total ⁵	Acres	% of Total ⁵	Acres	% of Total ⁵	Acres	% of Total ⁵
Soybeans	1998	1,250,000	600,000	48.0	310,000	24.8	340,000	27.2	370,000	29.6
	1999	1,250,000	630,000	50.4	280,000	22.4	340,000	27.2	370,000	29.6
	2000	1,180,000	770,000	65.3	180,000	15.3	230,000	19.5	330,000	28.0
	2001	1,080,000	770,000	71.3	180,000	16.7	130,000	12.0	300,000	27.8
	2002	1,150,000	790,000	68.7	210,000	18.3	150,000	13.0	300,000	26.1
Corn	1998	700,000	320,000	45.7	210,000	30.0	170,000	24.3	40,000	5.7
	1999	630,000	340,000	54.0	180,000	28.6	110,000	17.5	35,000	5.6
	2000	650,000	380,000	58.5	140,000	21.5	130,000	20.0	40,000	6.2
	2001	680,000	410,000	60.3	140,000	20.6	130,000	19.1	35,000	5.1
	2002	690,000	470,000	68.1	130,000	18.8	90,000	13.0	35,000	5.1
Sorghum	1998	20,000	7,000	35.0	5,000	25.0	8,000	40.0	500	2.5
	1999	20,000	5,000	25.0	6,000	30.0	9,000	45.0	500	2.5
	2000	25,000	5,000	20.0	5,000	20.0	15,000	60.0	500	2.0
	2001	30,000	8,000	26.7	10,000	33.3	12,000	40.0	1,000	3.3
	2002	35,000	13,000	37.1	10,000	28.6	12,000	34.3	1,500	4.3
Cotton	1998	450,000	110,000	24.4	50,000	11.1	290,000	64.4	1,000	0.2
	1999	570,000	180,000	31.6	50,000	8.8	340,000	59.6	1,500	0.3
	2000	570,000	300,000	52.6	50,000	8.8	220,000	38.6	1,500	0.3
	2001	620,000	370,000	59.7	100,000	16.1	150,000	24.2	1,500	0.2
	2002	580,000	300,000	51.7	140,000	24.1	140,000	24.1	1,500	0.3
Wheat ⁶	1998	570,000	160,000	28.1	200,000	35.1	210,000	36.8	-----	----
	1999	500,000	160,000	32.0	190,000	38.0	150,000	30.0	-----	----
	2000	550,000	200,000	36.4	180,000	32.7	170,000	30.9	-----	----
	2001	500,000	180,000	36.0	190,000	38.0	130,000	26.0	-----	----
	2002	490,000	170,000	34.7	190,000	38.8	130,000	26.5	-----	----
Total	1998	2,990,000	1,197,000	40.0	775,000	25.9	1,018,000	34.0	411,500	13.8
	1999	2,970,000	1,315,000	44.3	706,000	23.8	949,000	32.0	407,000	13.7
	2000	2,975,000	1,655,000	55.6	555,000	18.7	765,000	25.7	372,000	12.5
	2001	2,910,000	1,738,000	59.7	620,000	21.3	552,000	19.0	337,500	11.6
	2002	2,945,000	1,743,000	59.2	680,000	23.1	522,000	17.7	338,000	11.5

¹ No-Till - A procedure whereby a crop is planted directly into a seedbed not tilled since harvest of a previous crop, or the planting of a crop into sod, previous crop stubble, or a cover where only the intermediate seed zone is disturbed.

² Other Conservation Tillage - Tillage practices prior to planting which result in a minimum of 30 percent ground cover or residue being retained on the surface following planting. Grass and weed control is accomplished primarily with herbicides. Includes ridge till, strip till, and mulch till.

³ Conventional Till - Systems where 100 percent of the surface layer is mixed or inverted by plowing, power tilling, or multiple disking.

⁴ Double-Cropped - Two crops harvested from the same field during one year. Example: small grain harvest spring 2002, followed by soybeans, corn or sorghum harvest in the fall of 2002.

⁵ Sum of no-till, other conservation tillage and conventional till percents of total may not add to 100 percent due to rounding.

⁶ Wheat seeded the previous fall for all intended purposes including grain, cover, silage, hay or any other utilization.

Tillage Practices: by Crop, District, Tennessee, 2002

Crop	District	Total Acres Planted	No-Till		Other Conservation Tillage		Conventional Till	
			Acres	% of Total	Acres	% of Total	Acres	% of Total
Soybeans	10	440,000	300,000	68.2	80,000	18.2	60,000	13.6
	20	460,000	310,000	67.4	100,000	21.7	50,000	10.9
	30	85,000	60,000	70.6	10,000	11.8	15,000	17.6
	40	77,000	62,000	80.5	11,000	14.3	4,000	5.2
	50	63,000	40,000	63.5	6,000	9.5	17,000	27.0
	60	25,000	18,000	72.0	3,000	12.0	4,000	16.0
	State	1,150,000	790,000	68.7	210,000	18.3	150,000	13.0
Corn	10	160,000	100,000	62.5	28,000	17.5	32,000	20.0
	20	265,000	180,000	67.9	50,000	18.9	35,000	13.2
	30	77,000	60,000	77.9	12,000	15.6	5,000	6.5
	40	75,000	60,000	80.0	13,000	17.3	2,000	2.7
	50	65,000	40,000	61.5	13,000	20.0	12,000	18.5
	60	48,000	30,000	62.5	14,000	29.2	4,000	8.3
	State	690,000	470,000	68.1	130,000	18.8	90,000	13.0
Sorghum	10	11,000	4,600	41.8	3,600	32.7	2,800	25.5
	20	20,000	7,500	37.5	5,500	27.5	7,000	35.0
	30-60 ¹	4,000	900	22.5	900	22.5	2,200	55.0
	State	35,000	13,000	37.1	10,000	28.6	12,000	34.3
Cotton	10	195,000	87,000	44.6	47,000	24.1	61,000	31.3
	20	360,000	205,000	56.9	90,000	25.0	65,000	18.1
	30-50 ²	25,000	8,000	32.0	3,000	12.0	14,000	56.0
	60	0	0		0		0	
	State	580,000	300,000	51.7	140,000	24.1	140,000	24.1
Wheat	10	120,000	55,000	45.8	55,000	45.8	10,000	8.3
	20	185,000	75,000	40.5	85,000	45.9	25,000	13.5
	30	50,000	11,000	22.0	17,000	34.0	22,000	44.0
	40	60,000	13,000	21.7	18,000	30.0	29,000	48.3
	50	40,000	8,000	20.0	8,000	20.0	24,000	60.0
	60	35,000	8,000	22.9	7,000	20.0	20,000	57.1
	State	490,000	170,000	34.7	190,000	38.8	130,000	26.5

¹ Includes Districts 30, 40, 50, and 60. ² Includes Districts 30, 40, 50.

FARM FACTS (USPS 368-470) is published semimonthly for \$12 per year by the Tennessee Agricultural Statistics Service, Ellington Agricultural Center, 440 Hogan Road, Nashville, TN 37220-1626.